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Publikationsliste

Artikel in wissenschaftlichen Zeitschriften

- Danielsen F, Pirhofer-Walzl K, Adrian T, Kapijimpanga D, Burgess N, Jensen P, Bonney R, Funder M, Landa A, Levermann N, Madsen J (2012) Linking public participation in scientific research to the indicators and needs of international environmental agreements. *Conservation Letters*, DOI: 10.1111/conl.12024
- Pirhofer-Walzl K, Eriksen J, Rasmussen J, Høgh-Jensen H, Sørensen K and Rasmussen J (2013) Effect of four plant species on soil ¹⁵N-access and herbage yield in temporary agricultural grasslands. *Plant and Soil*, 371:313-325
- Rasmussen J, Sørensen K, Pirhofer-Walzl K and Eriksen J (2012) N₂-fixation and residual N effect of four legume species and four companion grass species. *European Journal of Agronomy*, 36:66-74
- Pirhofer-Walzl K, Rasmussen J, Høgh-Jensen H, Eriksen J, Sørensen K and Rasmussen J (2011) Nitrogen transfer from forage legumes to nine neighbouring plants in a multi-species grassland. *Plant and Soil*, 350:71-84
- Pirhofer-Walzl K, Sørensen K, Høgh-Jensen H, Eriksen J, Sanderson MA, Rasmussen J and Rasmussen J (2011) Forage herbs improve mineral composition of grassland herbage. *Grass and Forage Science*, 66:415-423
- Danielsen F, Burgess ND, Jensen PM and Pirhofer-Walzl K (2010) Environmental monitoring: the scale and speed of implementation varies according to the degree of people's involvement. *Journal of Applied Ecology*, 47:1166-1168
- Pirhofer-Walzl K, Warrant E and Barth FG (2007) Adaptations for vision in dim light: impulse responses and bumps in nocturnal spider photoreceptor cells (*Cupiennius salei* Keys). *J. Comp. Physiol. A*, 193:1081-1087

Konferenz Artikel und Vorträge

- Pirhofer-Walzl K, Tauschke M, Kayler Z, Glemnitz M, Müller M and Gessler A (2014). Biodiversität in Agrarlandschaften. Treffpunkt Biologische Vielfalt XIII Interdisziplinärer Forschungsaustausch im Rahmen des Übereinkommens über die biologische Vielfalt. Bundesamt für Naturschutz, Deutschland
- Pirhofer-Walzl K, Tauschke M, Kayler Z, Glemnitz M, Müller M, Gessler A (2013). Isoscapes and arbuscular mycorrhizal fungiscapes in relation to wheat yield. Annual conference of the Ecological Society of Germany, Austria and Switzerland (GfÖ), 9.-13. September 2013 in Potsdam, Deutschland (Vortrag)
- Pirhofer-Walzl K, Müller M, Glemnitz M, Gessler A (2013). Plant-microorganism interactions in agricultural landscape laboratories (AgroScapeLabs). 2nd International Conference on Biodiversity and the UN Millennium Development Goals on "Biodiversity and Health", 16.-18. April 2013 in Berlin, Deutschland (Vortrag)

- Pirhofer-Walzl K, Müller M, Glemnitz M, Gessler A (2013). Plant-microorganism interactions in agricultural landscape laboratories. Meeting of the working group “Experimental Ecology” of the Gesellschaft für Ökologie (GfÖ): „Moving from the lab to the field: putting ecology and ecophysiology in a new framework”, 18.-20. März 2013, Forschungszentrum Jülich (Vortrag)
- Pirhofer-Walzl K, Høgh-Jensen H, Rasmussen J, Rasmussen J, Søgaard K and Eriksen J (2010). ¹⁵Nitrogen transfer from legumes to neighbouring plants in a multi-species grassland. NJF report of the Nordic Association of Agricultural Scientists, Vol. 6, No. 3, p.75-78
- Pirhofer-Walzl K, Høgh-Jensen H, Rasmussen J, Rasmussen J, Søgaard K and Eriksen J (2010). ¹⁵Nitrogen uptake from shallow-versus deep-rooted plants in multi-species and monoculture grassland. Proceedings of the 23rd General Meeting of the European Grassland Federation Kiel, Deutschland, 15:830-832

Poster Präsentationen

- Inge Buchholz, Katharina Sliwinski, Karin Pirhofer-Walzl, Arthur Gessler, Wiebke Ullmann, Florian Jeltsch, Christina Fischer, Boris Schröder, Jan-Philipp Wevers & Niels Blaum (2013). Analyzing hare and raccoons movement ecology in agricultural landscapes using acceleration and GPS data. Annual conference of the Ecological Society of Germany, Austria and Switzerland (GfÖ). 9.-13. September 2013 in Potsdam, Deutschland
- Pirhofer-Walzl K (2011) ¹⁵Nitrogen tracer to study N flows from legumes to neighboring plant species. 2nd NordSIR meeting "Stable Isotope studies on carbon and nitrogen cycling" in Holbæk, Dänemark
- Pirhofer-Walzl K, Høgh-Jensen H, Rasmussen J, Rasmussen J, Søgaard K and Eriksen J (2010). ¹⁵Nitrogen uptake from shallow-versus deep-rooted plants in multi-species and monoculture grassland. Proceedings of the 23rd General Meeting of the European Grassland Federation Kiel, Deutschland, 15:830-832
- Pirhofer-Walzl K and Høgh-Jensen H (2008) Processes behind the use of multi-species mixtures in organic grassland. In: Biodiversity and Animal Feed. Future Challenges for Grassland Production. Book of Abstracts. Swedish University of Agricultural Sciences, p. 113

Populärwissenschaftliche Artikel

- Pirhofer-Walzl K (2011) Næringsstof dynamik i græsmarker med kløver og urter (Nährstoffdynamik in Graslandmischungen bestehend aus Gräsern, Leguminosen und Kräutern). Annual report in organic plant-production 2011, Økologisk rådgivning
- Pirhofer-Walzl K (2007) IWEP - Projektet i Cambodja. Evaluering eller: hvad har deltagerne indtil nu fået ud af at være med? (IWEP - Projekt in Kambodscha. Evaluierung oder: Was haben die Teilnehmer bis jetzt von der Teilnahme am Projekt gelernt?) ADDA News & Views, 14:7-11
- El-Nagger et al. (2006) Globalisation as a challenge or opportunity for organic farming. DARCOFenews März 2006

Dissertation

- Pirhofer-Walzl K (2011) Performance of multi-species grassland mixtures: mineral accumulation, nitrogen transfer and nitrogen uptake. Phd thesis, Department of Agriculture and Ecology, University of Copenhagen, Dänemark